COMPLETE LISTING OF THE CLAIMS

In the claims, please cancel claims 6-8, amend claim 5 and add new claims 10-20 as follows:

- 1. (previously presented) A composition for transfecting an siRNA into a cell in vitro comprising: an amphipathic compound, a polyvinylamine, and said siRNA.
- 2. (previously presented) The composition of claim 1 wherein the amphipathic compound has the structure comprising:

wherein R1 and R2 consist of C6-C24 alkenes.

- 3. (original) The composition of claim 2 wherein R1 and R2 of the amphipathic compound are the same.
- 4. (canceled)
- 5. (currently amended) A process for transfecting an animal cell <u>in vitro</u> with a siRNA comprising: adding to the cell in a solution a composition comprising an amphipathic compound, an effective amount of a polyvinylamine, and a siRNA, wherein the composition facilitates entry of the siRNA into the cell.
- 6. (canceled)
- 7. (canceled)
- 8. (canceled)
- 9. (previously presented) The process of claim 5 wherein the animal cell is a mammalian cell.
- 10. (withdrawn- new) The composition of claim 1 wherein the amphipathic compound has the structure comprising:

wherein R1 and R2 are selected from the group consisting of a C6 to C24 alkane, cycloalkyl, sterol, steroid, substituted lipid, acyl segment of a fatty acid, hydrophobic hormone, and hydrophobic hormone analog.

11. (withdrawn- new) The composition of claim 1 wherein the amphipathic compound consists of

$$\bigcap_{\mathsf{R}^1} \mathsf{N} - \bigcap_{\mathsf{N}} \mathsf{R}^2$$

wherein R1 and R2 consist of C6-C24 alkane, C6-C24 alkene, cycloalkyl, sterol, steroid, substituted lipid, acyl segment of a fatty acid, hydrophobic hormone, and hydrophobic hormone analog.

12. (withdrawn- new) The composition of claim 11 wherein the amphipathic compound consists of

13. (withdrawn- new) The composition of claim 11 wherein the amphipathic compound consists of

14. (withdrawn- new) The composition of claim 11 wherein the amphipathic compound consists of

$$C_{11}H_{23}$$
 N
 N
 $C_{7}H_{14}CHCHC_{8}H_{17}$
 N

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15. (withdrawn- new) The composition of claim 11 wherein the amphipathic compound consists of

$$C_{13}H_{27}$$
 N
 N
 $C_{7}H_{14}CHCHC_{8}H_{17}$

16. (withdrawn- new) The composition of claim 5 wherein the amphipathic compound consists of

$$R_1$$

wherein R1 and R2 consist of C6-C24 alkane, C6-C24 alkene, cycloalkyl, sterol, steroid, substituted lipid, hydrophobic hormone, and hydrophobic hormone analog.

17. (withdrawn- new) The composition of claim 16 wherein the amphipathic compound consists of

$$H_{17}C_8HCHCH_{14}C_7$$
 N
 $C_7H_{14}CHCHC_8H_{17}$

18. (withdrawn- new) The composition of claim 16 wherein the amphipathic compound consists of

19. (withdrawn- new) The composition of claim 16 wherein the amphipathic compound consists of

$$C_{11}H_{23} \longrightarrow N \longrightarrow N \longrightarrow C_{7}H_{14}CHCHC_{8}H_{17}$$

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20. (withdrawn- new) The composition of claim 16 wherein the amphipathic compound consists of

$$C_{13}H_{27}$$
 N
 N
 $C_7H_{14}CHCHC_8H_{17}$
 O